



SHILAP Revista de Lepidopterología

ISSN: 0300-5267

ISSN: 2340-4078

avives@orange.es

Sociedad Hispano-Luso-Americana de Lepidopterología  
España

Richter, I.; Sumpich, J.  
Scythris camelella Walshingham, 1907 recorded in Spain  
as new species for Europe (Lepidoptera: Scythrididae)  
SHILAP Revista de Lepidopterología, vol. 48, no. 189, 2020, -March, pp. 115-117  
Sociedad Hispano-Luso-Americana de Lepidopterología  
España

Available in: <https://www.redalyc.org/articulo.oa?id=45562768017>

- How to cite
- Complete issue
- More information about this article
- Journal's webpage in redalyc.org

redalyc.org

Scientific Information System Redalyc  
Network of Scientific Journals from Latin America and the Caribbean, Spain and  
Portugal

Project academic non-profit, developed under the open access initiative

# *Scythris camelella* Walshingham, 1907 recorded in Spain as new species for Europe (Lepidoptera: Scythrididae)

I. Richter & J. Šumpich

## Abstract

The first record of *Scythris camelella* Walshingham, 1907 in Spain and Europe is presented. One male was recorded on the sand habitats near Santa Pola (Alicante) in Spain.

KEY WORDS: Lepidoptera, Scythrididae, *Scythris camelella*, faunistics, new record, Spain.

*Scythris camelella* Walshingham, 1907 registrado en España como una nueva especie para Europa (Lepidoptera: Scythrididae)

## Resumen

Se presenta el primer registro de *Scythris camelella* Walshingham, 1907 en España y Europa. Un ejemplar macho fue colectado en hábitat arenosos cerca de Santa Pola (Alicante), España.

PALABRAS CLAVES: Lepidoptera, Scythrididae, *Scythris camelella*, faunística, nuevo registro, España.

## Introduction

Scythridid fauna of Spain is very well known. The last checklist of Scythrididae of Spanish mainland was made by VIVES MORENO (2014), and it comprises 91 species in total. After this publication, *Scythris spiniferella* Nupponen & Savenkov, 2019 and *Enolmis delnoidella* Groenen & Schreurs, 2016 were described on the basis of Spanish material (GROENEN & SCHREURS, 2016; NUPPONEN & SAVENKOV, 2019).

*Scythris camelella* Walshingham, 1907 was recorded on the wet habitats nothern of Santa Pola (Spain) during the joint trip of the second author and Marek Dvořák - collector of the present record. Only one male was attracted to ultraviolet light which was installed in the salt marshe with sparse vegetation, but with reeds in the close surroundings (Fig. 3). This locality is a part of great territory where wetlands and salt marshes belong to the common habitats. The well-preserved habitats south of Santa Pola are protected, e.g. El Parque Natural de las Lagunas de La Mata and Torrevieja, but the locality on which *S. camelella* was recorded has been always without territorial protection. This is why this locality practically does not exist in the present due the quick development in this densely populated area.

## Material examined

*Scythris camelella* Walshingham, 1907 (Figs 1-2): SPAIN, Alicante, Santa Pola, 1 km south of Balsares, 50 m a.s.l., 1 ♂, 12-VI-2007 (gen. prep. 29390 Ig. Richter), M. Dvořák leg. (coll. Ig. Richter).

## Discussion

*Scythris camelella* was described on the basis of five males collected in Biskra in Algeria (WALSINGHAM, 1907). It is widely distributed in the Palaearctic and Afrotropical regions, namely it was recorded in Egypt, Iran, Sudan, Tunisia (BENGTTSSON, 1997), Jordan (NUPPONEN, 2005), Afghanistan, Jordan, Pakistan, Syria, South Africa, Namibia, Kenya and Yemen (NUPPONEN, 2018). The present record is the first one for Spain and for whole Europe.

The biology was not hitherto described despite one specimen from the type series was bred from a cocoon (WALSINGHAM, 1907). The type specimens were collected in April (WALSINGHAM, 1907), but the moths are active also in late autumn (BENGTTSSON, 1997). With regard to the date of the present record (June), it probably occurs in more broods from April to October. According to BENGTTSSON (1997) *S. camelella* belongs to *camelella* species-group.

## Acknowledgements

We are indebted to Mr. Marek Dvořák (Czech Republic) for giving us the opportunity to study the Spanish material collected by him, and Bengt Å. Bengtsson (Sweden) is thanked for the confirmation of the species identification. We are grateful to Emmanuel Arriaga-Varela (México) for the translation of abstract into Spanish and the improvement of English. The work of Jan Šumpich was financially supported by the Ministry of Culture of the Czech Republic (DKRVO 2019-2023/5.I.b, National Museum, 00023272).

## BIBLIOGRAPHY

- BENGTTSSON, B. Å., 1997.– Scythrididae.– In P. HUEMER, O. KARSHOLT & L. LYNEBORG [eds.]. *Microlepidoptera of Europe*, **2**: 301 pp. Apollo Books, Stenstrup.
- GROENEN, F. & SCHREURS, A., 2016.– *Enolmis delnoydella* Groenen & Schreurs, sp. n., a new species from Spain (Lepidoptera: Scythrididae).– *SHILAP Revista de lepidopterología*, **44**(173): 45-47.
- NUPPONEN, K., 2005.– Notes on Palaearctic Scythrididae, with description of two new species (Lepidoptera: Scythrididae).– *Entomologica Fennica*, **16**: 165-174.
- NUPPONEN, K., 2018.– Notes on Scythrididae of western South Africa and Namibia, with descriptions of eight new species (Lepidoptera: Scythrididae).– *Metamorphosis*, **29**: 56-78.
- NUPPONEN, K. & SAVENKOV, N., 2019.– Descriptions of two new species of the family Scythrididae from Europe (Lepidoptera: Scythrididae).– *SHILAP Revista de lepidopterología*, **47**(187): 469-474.
- VIVES MORENO, A., 2014.– *Catálogo sistemático y sinónimo de los Lepidoptera de la Península Ibérica, de Ceuta, de Melilla y de las islas Azores, Baleares, Canarias, Madeira y Salvajes*: 1184 pp. Suplemento a SHILAP Revista de lepidopterología, Improitalia, Madrid.
- WALSINGHAM, L., 1907.– Algerian Microlepidoptera.– *The Entomologist's Monthly Magazine*, **43**: 6-10.

I. R.  
Malá Čausa, 289  
SK-97101 Malá Čausa  
ESLOVAQUIA / SLOVAKIA  
E-mail: ignac.richter@gmail.com  
<https://orcid.org/0000-0002-0262-2941>

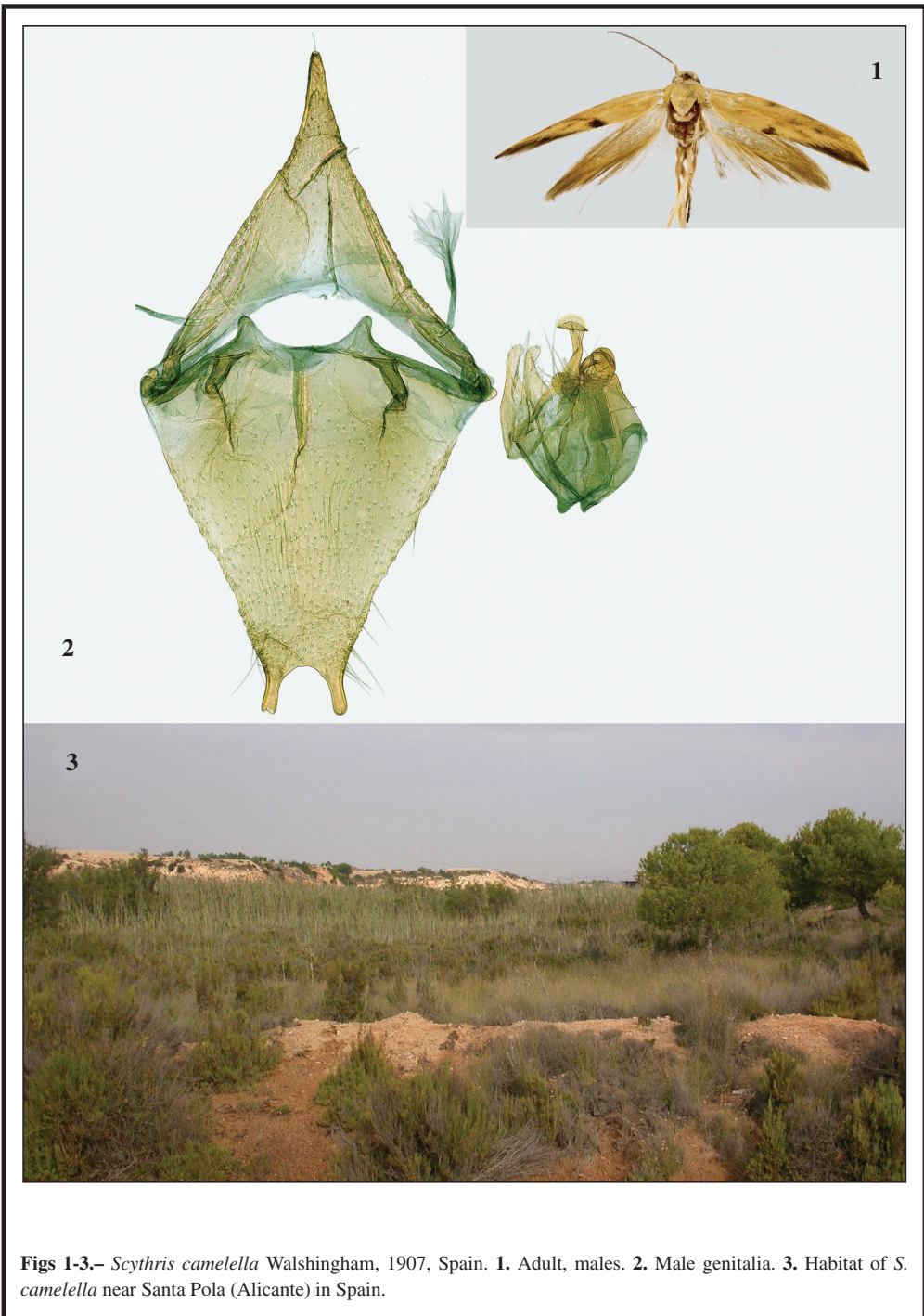
\*J. Š.  
National Museum  
Department of Entomology  
Cirkusová, 1740  
CZ-193 00 Praha 9 - Horní Počernice  
REPÚBLICA CHECA / CZECH REPUBLIC  
E-mail: jansumpich@seznam.cz  
<https://orcid.org/0000-00018122-8709>

\*Autor para correspondencia / *Corresponding author*

(Recibido para publicación / *Received for publication* 6-I-2020)

(Revisado y aceptado / *Revised and accepted* 28-II-2020)

(Publicado / *Published* 30-III-2020)



**Figs 1-3.**— *Scythris camelella* Walshingham, 1907, Spain. **1.** Adult, males. **2.** Male genitalia. **3.** Habitat of *S. camelella* near Santa Pola (Alicante) in Spain.